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SERVO PATTERN FORMATION VIA
TRANSFER OF SOL-GEL LAYER AND
MAGNETIC MEDIA OBTAINED
THEREBY

ABSTRACT OF THE DISCLOSURE

A method of manufacturing a magnetic recording medium including a servo pattern, comprising steps of:

- (a) providing a non-magnetic substrate including at least one major surface;
- 5 (b) providing a stamper having a surface with a plurality of recesses forming a negative image of a servo pattern;
- (c) forming a layer of a partially dried sol-gel material having a first surface in conformal contact with the recess-patterned surface of the stamper and an exposed second surface opposite the first surface;
- 10 (d) urging the major surface of the substrate into contact with the exposed second surface of the sol-gel layer;
- (e) removing the stamper from contact with the layer of sol-gel material to expose the recess-patterned surface thereof;
- (f) converting the partially dried sol-gel layer to a glass-like layer
- 15 while preserving the recess pattern in the surface thereof; and
- (f) forming on the recess-patterned surface a laminate of layers constituting a servo-patterned magnetic recording medium.